

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	15	digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and playback and mode\$2 and color near correct\$3 and (eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/06 17:01
S2	10	digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and playback same mode\$2 and color near correct\$3 and (eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:31
S3	178	digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and color near correct\$3 and (eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:31
S4	231	digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and (eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 17:12
S5	28	digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and (play\$6 same mode\$2) and ((color or contrast or brightness or gray or gamma) near correct\$3) and (eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:33
S6	175	digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and ((eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2) same (detect\$3 or identif\$6 or extract\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:47

## EAST Search History

S7	34	digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and ((eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2) same (detect\$3 or identif\$6 or extract\$3)) and (within or inside) near5 camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 18:40
S8	73	digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and ((eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2) same (detect\$3 or identif\$6 or extract\$3)) and (within or inside or in) near5 camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 14:47
S9	51	("20010002931"   "20020126893"   "20020138450"   "5177694"   "5218555"   "5329596"   "5432863"   "5488429"   "5633952"   "5638136"   "5678041"   "5748764"   "5754676"   "5765029"   "5771307"   "5778156"   "5796869"   "5805730"   "5813542"   "5828779"   "5832212"   "5835722"   "5852823"   "5857014"   "5872859"   "5911043"   "5937404"   "5949904"   "6009209"   "6016354"   "6041133"   "6049821"   "6065055"   "6065056"   "6067339"   "6115495"   "6122400"   "6128397"   "6134339"   "6148092"   "6182081"   "6204858"   "6252976"   "6259801"   "6266664"   "6278491"   "6286001"   "6407777"   "6631208"   "6798903"   "RE36041").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 14:57
S10	4	("5164992"   "5990973"   "6016345"   "6134339").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 15:17
S11	24	"6252976"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 15:17

## EAST Search History

S12	176	digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and ((red near eye\$2) or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 17:13
S13	30	digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and ((red near eye\$2) or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)and (within or inside) near5 camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/13 17:14
S14	51	("20010002931"   "20020126893"   "20020138450"   "5177694"   "5218555"   "5329596"   "5432863"   "5488429"   "5633952"   "5638136"   "5678041"   "5748764"   "5754676"   "5765029"   "5771307"   "5778156"   "5796869"   "5805730"   "5813542"   "5828779"   "5832212"   "5835722"   "5852823"   "5857014"   "5872859"   "5911043"   "5937404"   "5949904"   "6009209"   "6016354"   "6041133"   "6049821"   "6065055"   "6065056"   "6067339"   "6115495"   "6122400"   "6128397"   "6134339"   "6148092"   "6182081"   "6204858"   "6252976"   "6259801"   "6266664"   "6278491"   "6286001"   "6407777"   "6631208"   "6798903"   "RE36041").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 18:35
S15	7	"6751348"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 18:36
S16	63	(face same (detect\$3 or identif\$6 or extract\$3)) and (((red near eye) or color or contrast or brightness or gray or gamma) near correct\$3) and ((eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2) same (detect\$3 or identif\$6 or extract\$3)) and (within or inside) near5 camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 18:23

## EAST Search History

S17	51	("20010002931"   "20020126893"   "20020138450"   "5177694"   "5218555"   "5329596"   "5432863"   "5488429"   "5633952"   "5638136"   "5678041"   "5748764"   "5754676"   "5765029"   "5771307"   "5778156"   "5796869"   "5805730"   "5813542"   "5828779"   "5832212"   "5835722"   "5852823"   "5857014"   "5872859"   "5911043"   "5937404"   "5949904"   "6009209"   "6016354"   "6041133"   "6049821"   "6065055"   "6065056"   "6067339"   "6115495"   "6122400"   "6128397"   "6134339"   "6148092"   "6182081"   "6204858"   "6252976"   "6259801"   "6266664"   "6278491"   "6286001"   "6407777"   "6631208"   "6798903"   "RE36041").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 18:49
S18	8	("4285588"   "5016107"   "5070355"   "5202720"   "5452048"   "5748764"   "5761550"   "5991549").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 18:58
S19	15	("6407777").URPN.	USPAT	OR	OFF	2007/03/13 19:10
S20	24	("4644585"   "4725966"   "5130789"   "5134668"   "5231674"   "5432863"   "5432866"   "5528703"   "5559903"   "5710842"   "5748764"   "5805720"   "5805745"   "5912994"   "5915044"   "5990901"   "5990973"   "6009209"   "6016354"   "6134339"   "6278491"   "6285410"   "6292574"   "6407777").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 19:18
S21	554	digital near camera and modes and image near captur\$3 and image near correct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 17:38
S22	1219	digital near camera and mode\$2 and image near captur\$3 and image near correct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 17:38

## EAST Search History

S23	2	digital near camera and mode\$2 and image near captur\$3 and image near correct\$3 and (red near eye same detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 17:39
S24	35	digital near camera and mode\$2 and image near captur\$3 and image near correct\$3 and (red near eye same detect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/02 13:48
S25	31	("4503508"   "5012522"   "5086480"   "5103254"   "5164992"   "5283644"   "5430809"   "5432863"   "5432864"   "5629752"   "5642431"   "5687412"   "5710833"   "5715325"   "5719951"   "5749000"   "5781665"   "5835616"   "5850470"   "5870138"   "5873007"   "5973734"   "5986764"   "6035074"   "6263113"   "6271876"   "6278491"   "6301440"   "6332033"   "6597817"   "6608914").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 17:45
S26	7	("3805238"   "5550928"   "5559504"   "5901244"   "6049875"   "6118888"   "6230126").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 17:47
S27	62	digital near camera and preview same LCD same (dispaly or screen) and ((red near eye) or color or tone or exposure or sharpness or luminance or brightness) same (correct\$4 or modif\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 18:23
S28	11	digital near camera and preview same LCD same (dispaly or screen) and ((red near eye) or color or tone or exposure or sharpness or luminance or brightness) same (correct\$4 or modif\$6) and face	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 18:22
S29	153	(face same (detect\$3 or identif\$6 or extract\$3)) and (((red near eye) or color or contrast or brightness or gray or gamma) near correct\$3) and (within or inside) near5 camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/28 18:12

## EAST Search History

S30	97	digital near camera and preview same LCD same (dispaly or screen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 18:24
S31	418	digital near camera and preview and LCD same (dispaly or screen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 18:24
S32	0	S29 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 18:24
S33	1113	preview and LCD same (dispaly or screen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 18:24
S34	2	S29 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 18:24
S35	11	("5231674"   "5325133"   "5432863"   "5570434"   "5680481"   "5790234"   "5850466"   "5978494"   "5990973"   "6016354"   "6064752").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 18:29
S36	8	("4768089"   "4819077"   "5003326"   "5089976"   "5130789"   "5130935"   "5202935"   "5204948").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 18:33
S37	39	("5432863").URPN.	USPAT	OR	OFF	2007/04/04 18:33
S38	2	("5432863").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/06 17:02

## EAST Search History

S39	2	("5748764").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/06 17:02
S40	2	("5892837").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/06 17:04
S41	2	("6072893").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/06 17:04
S42	2	("6151403").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/06 17:05
S43	2	("6134339").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/06 17:06
S44	2	("6292574").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/06 17:08
S45	2	("5432863").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/06 17:08
S46	1396	face near (detect\$4 or identif\$5 or recogni\$4) and imag\$3 near3 (rotat\$4 or orient\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/24 15:23

## EAST Search History

S47	1086	face near (detect\$4 or identif\$5 or recogni\$4) and imag\$3 near3 (rotat\$4 or orient\$6) and pixel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/01 18:31
S48	8	("4055833"   "4449189"   "4611347"   "4754487"   "4811408"   "4975960"   "4975969"   "5012522").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/01 18:10
S49	4	("5375195"   "5432864"   "5465308"   "5497430").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/01 18:24
S50	309	face near (detect\$4 or identif\$5 or recogni\$4) and (rotat\$4 or orient\$6) near4 (correct\$4 or adjust\$4 or chang\$3 or vary\$3) and pixel\$3 near4 (correct\$4 or adjust\$4 or chang\$3 or vary\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/01 18:46
S51	2	("4975960"   "5761329").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/01 18:37
S52	201	fac\$3 near (detect\$4 or identif\$5 or recogni\$4) and (orient\$6) near (correct\$4 or adjust\$4) and pixel\$3 near4 (correct\$4 or adjust\$4 or chang\$3 or vary\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/01 18:48
S53	3319	(calculat\$3 or determin\$5 or deriv\$5 or obtain\$3 or correct\$4) near4 (fac\$4) near4 (orient\$4 or rotat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 13:47
S54	389	(calculat\$3 or determin\$5 or deriv\$5 or obtain\$3 or correct\$4) near4 (fac\$4) near4 (orient\$4 or rotat\$4) and pixel\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 14:09
S55	720	(calculat\$3 or determin\$5 or deriv\$5 or obtain\$3 or correct\$4) near4 (face\$2 or facial) same (orient\$4 or rotat\$4) and pixel\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 14:10



## EAST Search History

S56	818	(calculat\$3 or determin\$5 or deriv\$5 or obtain\$3 or correct\$4 or adjust\$4) near4 (face\$2 or facial) same (orient\$4 or rotat\$4) and pixel\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 14:14
S57	818	382/118.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 14:11
S58	104	S56 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 14:12
S59	215	(calculat\$3 or determin\$5 or deriv\$5 or obtain\$3 or correct\$4 or adjust\$4) near4 (face\$2 or facial) same (orient\$4 or rotat\$4) and pixel\$2 and (orient\$4 or rotat\$4) near4 (correct\$4 or adjust\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 14:15
S60	2	("6151073").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 17:29
S61	0	ide near cable same dvd near player same mpeg same interface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/04 11:36
S62	33	cable same dvd near player same mpeg same interface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/04 11:36
S63	463	digital near camera and preview and LCD same (dispaly or screen)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/24 15:10

## EAST Search History

S64	8728	face near (detect\$4 or identif\$5 or recogni\$4) and imag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/24 15:45
S65	66	(face or facial) near5 (detect\$4 or identif\$5 or recogni\$4) and imag\$3 and ((face or facial) near5 (pixel\$2 or pel\$2 or pixcel\$2)) and (display\$3 or render\$4) near5 (parameter\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/24 15:55
S66	5730	382/118,190,199,203,299,300.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/24 15:44
S67	839	S66 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/24 15:45
S68	16	S65 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/24 15:45
S69	16	(face or facial) near5 (detect\$4 or identif\$5 or recogni\$4) and imag\$3 and ((face or facial) near5 (pixel\$2 or pel\$2 or pixcel\$2)) and (adjust\$3 or modif\$6 or var\$3 or tun\$4) near5 (display\$3 or render\$4) near5 (parameter\$3 or attribute\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/24 16:09
S70	97	eran near steinberg	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/24 16:14
S71	72	peter near corcoran	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/24 16:16

## EAST Search History

S72	0	(rendering and digital and pixel\$2 and parameters and face and attribute\$2).ccls.	US-PGPUB	OR	OFF	2007/09/24 16:21
S73	2	(rendering and digital and pixel\$2 and parameters and face and attribute\$2).clm.	US-PGPUB	OR	OFF	2007/09/24 16:21
S74	186	(face same (detect\$3 or identif\$6 or extract\$3)) and (((red near eye) or color or contrast or brightness or gray or gamma or luminance) near correct\$3) and (within or inside) near5 camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/28 18:13
S75	214	(face same (detect\$3 or identif\$6 or extract\$3)) and (((red near eye) or color or contrast or brightness or gray or gamma or luminance) near (correct\$3 or compar\$3)) and (within or inside) near5 camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/28 18:15
S76	2440	(face same (detect\$3 or identif\$6 or extract\$3)) and (((red near eye) or color or contrast or brightness or gray or gamma or luminance) near (correct\$3 or compar\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/28 18:16
S77	5741	382/118,190,199,203,299,300.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/28 18:16
S78	125	S76 and S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/28 18:31